

=> d his

(FILE 'HOME' ENTERED AT 15:32:57 ON 27 FEB 2002)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH' ENTERED AT 15:34:28 ON 27 FEB 2002

L1 82701 S ADENOVIRAL OR ADENOVIRUS
L2 88 S E4ORF4
L3 88 S L1 AND L2
L4 66 S L3 AND APOPTOSIS
L5 23 DUP REM L4 L (43 DUPLICATES REMOVED)

=> d au ti so 1-23 15

L5 ANSWER 1 OF 23 MEDLINE DUPLICATE 1
AU Gingras Marie-Claude; Champagne Claudia; Roy Melanie; Lavoie Josee N
TI Cytoplasmic death signal triggered by SRC-mediated phosphorylation of the
adenovirus E4orf4 protein.
SO MOLECULAR AND CELLULAR BIOLOGY, (2002 Jan) 22 (1) 41-56.
Journal code: 8109087. ISSN: 0270-7306.

L5 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2002 ACS
IN Branton, Philip E.; Marcellus, Richard C.; Shore, Gordon C.; Roopchand,
Diana E.; Lee, Joseph M.; Shahinian, S. Serge; Bussey, A. Howard
TI **E4orf4** and PP2A polypeptides, modulators, and mimetics for
selectively inducing cell death
SO PCT Int. Appl., 81 pp.
CODEN: PIXXD2

L5 ANSWER 3 OF 23 SCISEARCH COPYRIGHT 2002 ISI (R)
AU Gjoerup O; Zaveri D; Roberts T M (Reprint)
TI Induction of p53-independent **apoptosis** by simian virus 40 small
t antigen
SO JOURNAL OF VIROLOGY, (OCT 2001) Vol. 75, No. 19, pp. 9142-9155.
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904
USA.
ISSN: 0022-538X.

L5 ANSWER 4 OF 23 MEDLINE DUPLICATE 2
AU Branton P E; Roopchand D E
TI The role of **adenovirus E4orf4** protein in viral
replication and cell killing.
SO ONCOGENE, (2001 Nov 26) 20 (54) 7855-65. Ref: 99
Journal code: 8711562. ISSN: 0950-9232.

L5 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2002 ACS
AU Afifi, Rana; Sharf, Rakefet; Shtrichman, Ronit; Kleinberger, Tamar
TI Selection of **apoptosis**-deficient **adenovirus**
E4orf4 mutants in *Saccharomyces cerevisiae*
SO J. Virol. (2001), 75(12), 5719
CODEN: JOVIAM; ISSN: 0022-538X

L5 ANSWER 6 OF 23 SCISEARCH COPYRIGHT 2002 ISI (R)
AU Afifi R (Reprint); Sharf R; Shtrichman R; Kleinberger T
TI Selection of **apoptosis**-deficient **adenovirus**
e4orf4 mutants in *Saccharomyces cerevisiae* (vol 75, pg 4444, 2001)
SO JOURNAL OF VIROLOGY, (JUN 2001) Vol. 75, No. 12, pp. 5719-5719.
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904
USA.

ISSN: 0022-538X.

- L5 ANSWER 7 OF 23 MEDLINE DUPLICATE 3
AU Roopchand D E; Lee J M; Shahinian S; Paquette D; Bussey H; Branton P E
TI Toxicity of human **adenovirus E4orf4** protein in
Saccharomyces cerevisiae results from interactions with the Cdc55
regulatory B subunit of PP2A.
SO ONCOGENE, (2001 Aug 30) 20 (38) 5279-90.
Journal code: ONC; 8711562. ISSN: 0950-9232.
- L5 ANSWER 8 OF 23 MEDLINE DUPLICATE 4
AU Afifi R; Sharf R; Shtrichman R; Kleinberger T
TI Selection of **apoptosis**-deficient **adenovirus E4orf4** mutants in Saccharomyces cerevisiae.
SO JOURNAL OF VIROLOGY, (2001 May) 75 (9) 4444-7.
Journal code: KCV; 0113724. ISSN: 0022-538X.
- L5 ANSWER 9 OF 23 SCISEARCH COPYRIGHT 2002 ISI (R)
AU Nilsson C E; Petersen-Mahrt S; Durot C; Shtrichman R; Krainer A R;
Kleinberger T; Akusjarvi G (Reprint)
TI The **adenovirus E4-ORF4** splicing enhancer protein interacts with
a subset of phosphorylated SR proteins
SO EMBO JOURNAL, (15 FEB 2001) Vol. 20, No. 4, pp. 864-871.
Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD OX2 6DP,
ENGLAND.
ISSN: 0261-4189.
- L5 ANSWER 10 OF 23 MEDLINE DUPLICATE 5
AU Livne A; Shtrichman R; Kleinberger T
TI Caspase activation by **adenovirus e4orf4** protein is
cell line specific and is mediated by the death receptor pathway.
SO JOURNAL OF VIROLOGY, (2001 Jan) 75 (2) 789-98.
Journal code: KCV. ISSN: 0022-538X.
- L5 ANSWER 11 OF 23 MEDLINE DUPLICATE 6
AU Kornitzer D; Sharf R; Kleinberger T
TI **Adenovirus E4orf4** protein induces PP2A-dependent
growth arrest in Saccharomyces cerevisiae and interacts with the
anaphase-promoting complex/cyclosome.
SO JOURNAL OF CELL BIOLOGY, (2001 Jul 23) 154 (2) 331-44.
Journal code: HMV; 0375356. ISSN: 0021-9525.
- L5 ANSWER 12 OF 23 MEDLINE DUPLICATE 7
AU Marcellus R C; Chan H; Paquette D; Thirlwell S; Boivin D; Branton P E
TI Induction of p53-independent **apoptosis** by the **adenovirus E4orf4** protein requires binding to the Balph subunit of protein
phosphatase 2A.
SO JOURNAL OF VIROLOGY, (2000 Sep) 74 (17) 7869-77.
Journal code: KCV; 0113724. ISSN: 0022-538X.
- L5 ANSWER 13 OF 23 MEDLINE DUPLICATE 8
AU Shtrichman R; Sharf R; Kleinberger T
TI **Adenovirus E4orf4** protein interacts with both Balph
and B' subunits of protein phosphatase 2A, but **E4orf4**-induced
apoptosis is mediated only by the interaction with Balph.
SO ONCOGENE, (2000 Aug 3) 19 (33) 3757-65.
Journal code: ONC; 8711562. ISSN: 0950-9232.
- L5 ANSWER 14 OF 23 MEDLINE DUPLICATE 9
AU Lavoie J N; Champagne C; Gingras M C; Robert A

- TI **Adenovirus** E4 open reading frame 4-induced **apoptosis**
involves dysregulation of Src family kinases.
- SO JOURNAL OF CELL BIOLOGY, (2000 Sep 4) 150 (5) 1037-56.
Journal code: HMV; 0375356. ISSN: 0021-9525.
- L5 ANSWER 15 OF 23 MEDLINE DUPLICATE 10
- AU Kleinberger T
- TI Induction of **apoptosis** by **adenovirus E4orf4**
protein.
- SO APOPTOSIS, (2000 Jun) 5 (3) 211-5. Ref: 37
Journal code: DWY; 9712129. ISSN: 1360-8185.
- L5 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2002 ACS
- AU Szala, Stanislaw
- TI Specific induction of **apoptosis** in cancer cells
- SO Nowotwory (2000), 50(2), 111-121
CODEN: NOWOAL; ISSN: 0029-540X
- L5 ANSWER 17 OF 23 MEDLINE DUPLICATE 11
- AU Shtrichman R; Sharf R; Barr H; Dobner T; Kleinberger T
- TI Induction of **apoptosis** by **adenovirus E4orf4**
protein is specific to transformed cells and requires an interaction with
protein phosphatase 2A.
- SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1999 Aug 31) 96 (18) 10080-5.
Journal code: PV3; 7505876. ISSN: 0027-8424.
- L5 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2002 ACS
- IN Branton, Philip E.; Shore, Gordon C.; Teodoro, Jose G.; Marcellus,
Richard
C.; Lavoie, Josee N.
- TI Use of **adenovirus** E4 death proteins to induce p53-independent
apoptosis
- SO PCT Int. Appl., 88 pp.
CODEN: PIXXD2
- L5 ANSWER 19 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
- AU Hardwick, J. Marie (1); Ketner, Gary (1); Clem, Rollie J.
- TI Viral genes that modulate **apoptosis**.
- SO Wilson, J. W. [Editor]; Booth, C. [Editor]; Potten, C. S. [Editor].
(1998)
pp. 243-279. Apoptosis genes.
Publisher: Kluwer Academic Publishers 101 Phillip Drive, Norwell,
Massachusetts 02061, USA.
ISBN: 0-412-83860-5.
- L5 ANSWER 20 OF 23 MEDLINE DUPLICATE 12
- AU Marcellus R C; Lavoie J N; Boivin D; Shore G C; Ketner G; Branton P E
- TI The early region 4 orf4 protein of human **adenovirus** type 5
induces p53-independent cell death by **apoptosis**.
- SO JOURNAL OF VIROLOGY, (1998 Sep) 72 (9) 7144-53.
Journal code: KCV; 0113724. ISSN: 0022-538X.
- L5 ANSWER 21 OF 23 MEDLINE DUPLICATE 13
- AU Shtrichman R; Kleinberger T
- TI **Adenovirus** type 5 E4 open reading frame 4 protein induces
apoptosis in transformed cells.
- SO JOURNAL OF VIROLOGY, (1998 Apr) 72 (4) 2975-82.
Journal code: KCV; 0113724. ISSN: 0022-538X.

L5 ANSWER 22 OF 23 MEDLINE DUPLICATE 14
AU Lavoie J N; Nguyen M; Marcellus R C; Branton P E; Shore G C
TI **E4orf4**, a novel **adenovirus** death factor that induces
p53-independent **apoptosis** by a pathway that is not inhibited by
zVAD-fmk.
SO JOURNAL OF CELL BIOLOGY, (1998 Feb 9) 140 (3) 637-45.
Journal code: HMV; 0375356. ISSN: 0021-9525.

L5 ANSWER 23 OF 23 MEDLINE DUPLICATE 15
AU Whalen S G; Marcellus R C; Whalen A; Ahn N G; Ricciardi R P; Branton P E
TI Phosphorylation within the transactivation domain of **adenovirus**
E1A protein by mitogen-activated protein kinase regulates expression of
early region 4.
SO JOURNAL OF VIROLOGY, (1997 May) 71 (5) 3545-53.
Journal code: KCV; 0113724. ISSN: 0022-538X.

=>